

1. Substance/preparation and company name

Trade name:

Company:

2. Composition/information on ingredients

Active ingredients:	EC#	CAS#	Amount (%W/W)
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	proprietary	proprietary	99% min
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3. Possible hazards

NONE KNOWN

4. First aid measures

If inhaled:

Remove to fresh air and summon medical help if respiratory irritation develops or if breathing becomes difficult.

On skin contact:

Wipe away excess material with dry towel and then wash affected areas with plenty of water for several minutes. Get medical attention immediately if irritation occurs.

On contact with eyes:

Immediately wash affected eyes for several minutes under running water with eyelids held open. Get medical attention immediately if irritation occurs.

If swallowed:

Wash out mouth with water and then drink plenty of water, and summon physician. Do not give anything by mouth to an unconscious or convulsing person.

5. Fire fighting and measures

Flash point	: Not applicable
Flammable limits	: Not applicable
Decomposition temp.	: N/A.
Extinguishing media	: Carbon dioxide, foam, dry chemical, water spray.
Fire fighting procedures-special	: Use self-contained breathing apparatus.

6. Accidental release measures

Wear appropriate personal protective equipment, including appropriate respiratory protection to ventilate contaminated area. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes or clothing.

7. Handling and storage

Handling precautions: In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact.

Shipping and storing precautions: Keep container tightly closed when not in use and during transport.

8. Exposure controls and personal protection

Protective equipment:

Eye/ face protection : Chemical type goggle must be worn.

Skin protection : Glove and lab coat must be worn when handling.

Respiratory protection : Local exhaust must be worn.

9. Physical and chemical properties

Appearance : White crystalline powder

Odor : Odorless

Melting point : 190.98- 197.69°C

Specific gravity : 1.086 (20°C)

Bulk density : 0.56 (g/cm³)

Volatiles(120°C) : 0.5% min

10. Stability and reactivity

Stability: Stable

Incompatibilities: Not known.

Hazardous decomposition products: Thermal decomposition and burning will produce toxic fume, carbon monoxide, carbon dioxide and nitrogen oxide.

Hazardous Polymerization: Will not occur.

11. Toxicological information

ORAL LD₅₀ > 5000 mg

May be slight irritant to the rabbit's skin.

May be harmful by inhalation, ingestion, or skin absorption.

Material may be irritating to mucous membranes and upper respiratory tract.

12. Ecological information

AMES test: did not present genotoxic effect.

The Mouse Lymphoma Assay: dose not possess mutagenic potential

Activated sludge in an aerobic aqueous medium: was not concluded to be easily (readily) biodegradable

13. Disposal considerations

Waste disposal method:

Incinerate in a chemical incinerator equipped with an afterburner and scrubber. Follow all federal, state and local regulations.

14. Transport information

DOT proper shipping name:

Not regulated as a hazardous material by the U.S. dept. of transportation (DOT) 49 CFR 172.101 HAZADOUS MATERIAL TABLE.

DOT class: None.

DOT number: None.

Emergency TEL:

15. Regulatory information

is NOT listed on the following inventories:

Australia: AICS

Canada: DSL

Europe: EINECS

Japan: ENCS

Korea: ECL

Philippines: PICCS

USA: TSCA

RCRA status: Not a hazardous waste under RCRA (40 CFR 261).

CERCLA status: Not listed.

SARA/TITLE III - TOXIC CHEMICALS LIST:

This product does not contain a toxic chemical for routine annual toxic chemical release reporting under sec. 313 (40 CFR 372)

16. Other information

Shelf life: 2 years minimum in sealed containers protected from light and air.

Suggested uses: An excellent antioxidant for polymer.

The information and recommendations contained herein are based upon data believed to be correct. However, no guaranty or warranty of any kind expressed or implied is made with respect to the information contained here.